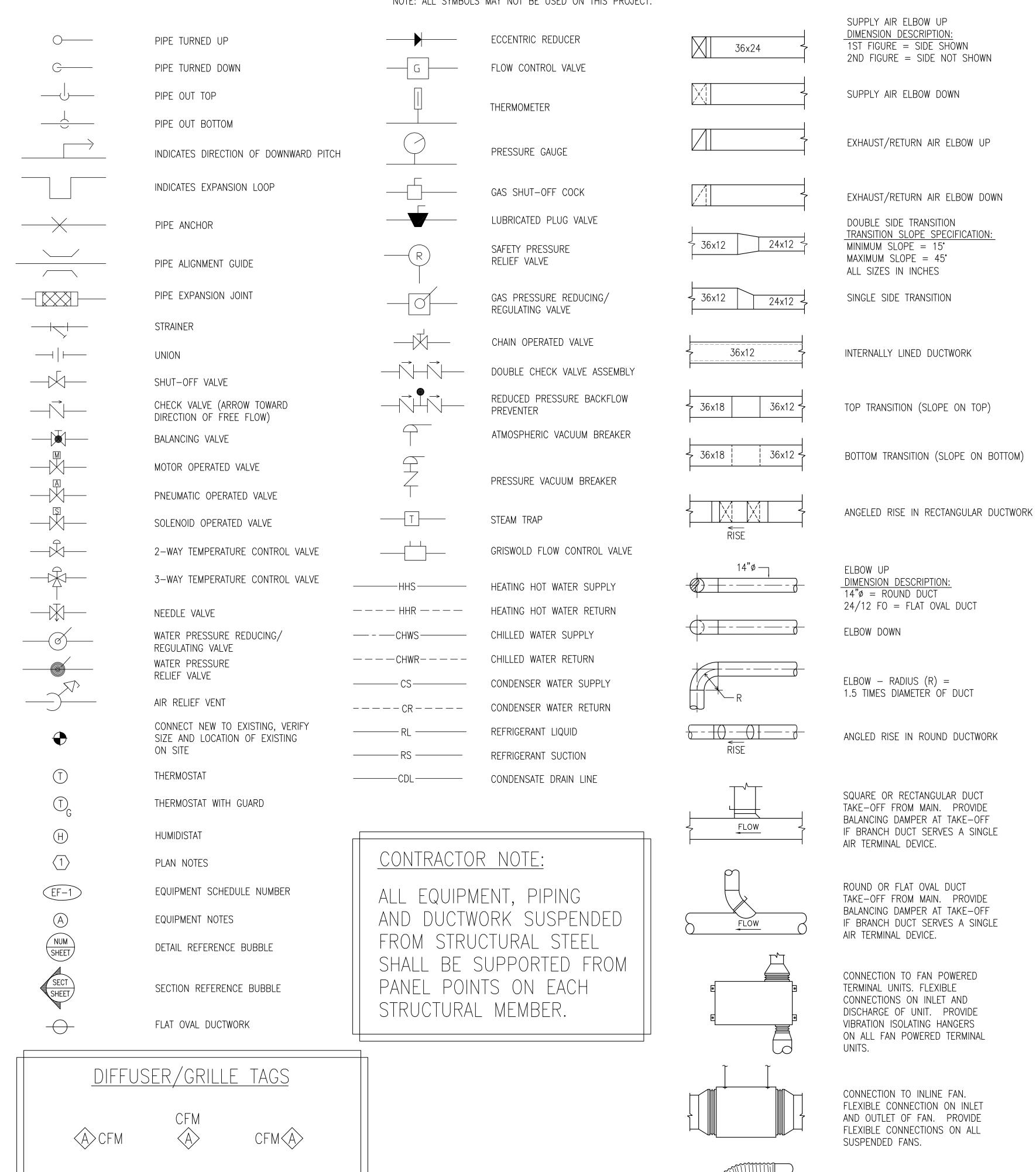
MECHANICAL ABBREVIATIONS

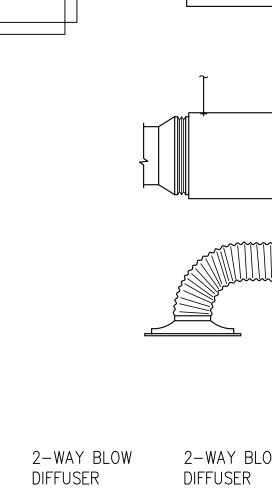
ABBREVIATIONS USED ON DRAWINGS IN GENERAL ARE LISTED BELOW. REFER TO CSI DOCUMENT TD 2-4 DATED NOVEMBER 1986 FOR ANY ABBREVIATION USED ON THE DRAWINGS BUT ARE NOT LISTED BELOW.

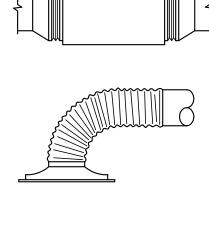
	DATED NOVEMBER	R 1986 FOR ANY ABBREVIATIO	ON USED ON THE DRAWINGS BUT ARE NOT LISTED BELOW.		
ABV AC ACCU ACU AFF AFMS AHU AL ALT AMB AP APPROX	ABOVE AIR CONDITIONING AIR COOLED CONDENSING UNIT AIR CONDITIONING UNIT ABOVE FINISHED FLOOR AIR FLOW MEASURING STATION AIR HANDLING UNIT ALUMINUM ALTERNATIVE AMBIENT ACCESS PANEL APPROXIMATE	H HDG HDWE HHR HHS HHWP HP HPR HPS HTR HVAC HW	HEIGHT/HIGH HEAVY DUTY GRILLE HARDWARE HEATING HOT WATER RETURN HEATING HOT WATER SUPPLY HEATING HOT WATER PUMP HORSEPOWER HIGH PRESSURE STEAM RETURN HIGH PRESSURE STEAM SUPPLY HEATER HEATING/VENTILATING/AIR CONDITIONING HOT WATER (DOMESTIC)	UH UON UV VA VAC VAV VB VD VEL VIF VVF	UNIT HEATER UNLESS OTHERWISE NOTED UNIT VENTILATOR VENT VALVE VACUUM VARIABLE AIR VOLUME VACUUM BREAKER VOLUME DAMPER VELOCITY VERIFY IN FIELD VARIABLE VOLUME—FAN POWEREI
AR ARCH ARV AT ATR ATV AUTO AVE	ACID RESISTANT ARCHITECT(URAL) AIR RELIEF VALVE AIR TRANSFER AIR TEMPERATURE RISE AIR TURNING VANES AUTOMATIC AIR VOLUME EXTRACTOR	ID IH INCIN INSUL INTR INV KIT KW	INSIDE DIAMETER INTAKE HOOD INCINERATOR INSULATION/INSULATE INTERIOR INVERT KITCHEN KILOWATT	W W/ W/O WB WCO	VARIABLE VOLUME—REHEAT VARIABLE FREQUENCY DRIVE WIDE/WIDTH WITH WITHOUT WET BULB TEMPERATURE WALL CLEANOUT
BD BDD BHP BLDG BOD BOT	BAROMETRIC DAMPER BACKDRAFT DAMPER BREAK HORSEPOWER BUILDING BOTTOM OF DUCT BOTTOM	L LAV LF LP LPR LPS LVR	LENGTH/LONG LAVATORY LINEAR FEET LIQUID PETROLEUM LOW PRESSURE STEAM RETURN LOW PRESSURE STEAM SUPPLY LOUVER		
C CA CAB CD CDL CFM CH CHWR CHWS CHWP CL CLG	CONVECTOR COLD AIR CABINET CEILING DIFFUSER CONDENSATE DRAIN LINE CUBIC FEET PER MINUTE AIR COOLED CHILLER CHILLED WATER RETURN CHILLED WATER SUPPLY CHILLED WATER PUMP CENTERLINE CEILING	MAX MECH MFR MH MIN MISC MOD MPR MPS MTD	MAXIMUM MECHANICAL MANUFACTURER MANHOLE MINIMUM MISCELLANEOUS MOTOR OPERATED DAMPER MEDIUM PRESSURE STEAM RETURN MEDIUM PRESSURE STEAM SUPPLY MOUNTED		
CMP CO COL CONC COND CONN CONSTR CONTR CPD CPRSR CW	CORRUGATED METAL PIPE CLEANOUT COLUMN CONCRETE CONDENSER(ATE) CONNECT/CONNECTION CONSTRUCTION CONTRACTOR CONDENSATE PUMP DISCHARGE COMPRESSOR COLD WATER (DOMESTIC)	NIC NO/# NOM NTS OA OC OD OPNG	NOT IN CONTRACT NUMBER NOMINAL NOT TO SCALE OUTSIDE AIR ON CENTER OUTSIDE DIAMETER OPENING		
CWP CWR CWS D DB DIA/Ø DIFF DISCH DLR DWG	CONDENSER WATER PUMP CONDENSER WATER RETURN CONDENSER WATER SUPPLY DEPTH/DEEP DRY BULB TEMPERATURE DIAMETER DIFFUSER DISCHARGE DOUBLE LOUVER REGISTER DRAWING	OR OS OSD P PCHWS PCHWR PE PREFAB PRV PSF PSI	OIL RETURN OIL SUPPLY OPEN SITE DRAIN PUMP PRIMARY CHILLED WATER SUPPLY PRIMARY CHILLED WATER RETURN PNEUMATIC/ELECTRIC PREFABRICATED PRESSURE REDUCING VALVE POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH		
EA EF EFF EG EL ELEC ELEV EMD EMER EP EQUIP EXH EXIST EXP EXT EXT	EXHAUST AIR EXHAUST FAN EFFICIENCY EXHAUST GRILLE ELEVATION ELECTRIC(AL) ELEVATOR END OF MAIN DRIP EMERGENCY ELECTRIC/PNEUMATIC EQUIPMENT EXHAUST EXISTING EXPANSION EXTERIOR EXTENSION	PTAC PVC R/RAD RA RACU RADN RAG RCP RD REG REQ'D RH RHW RL RL48 RM RP RPM RS RSD	PACKAGE TERMINAL AIR CONDITIONING UNIT POLYVINYL CHLORIDE RADIUS RETURN AIR ROOM AIR CONDITIONING UNIT RADIATION RETURN AIR GRILLE REINFORCED CONCRETE PIPE ROOF DRAIN REGISTER REQUIRED RELIEF HOOD RECIRCULATED HOT WATER (DOMESTIC) REFRIGERANT LIQUID RETURN LINEAR SLOT DIFFUSER (48" LONG) ROOM RADIANT PANEL REVOLUTIONS PER MINUTE REFRIGERANT SUCTION ROUND SUPPLY DIFFUSER		
F&TT FC FCU F/SD FD FD1 FIN FL/FF FLR FOR FOS FOV FP FPM FT FUR	FLOAT AND THERMOSTATIC TRAP FLEXIBLE DUCT CONNECTION FAN COIL UNIT COMBINATION FIRE/SMOKE DAMPER FLOOR DRAIN FIRE DAMPER TYPE FINISH FLOOR FLOOR FUEL OIL RETURN FUEL OIL SUPPLY FUEL OIL VENT FIRE PROTECTION FEET PER MINUTE FEET FURNACE	SA SCHED SD SAG SHT SIM SL48 SP SPEC(S) STD	SUPPLY AIR SCHEDULE SUPPLY DIFFUSER SUPPLY AIR GRILLE SHEET SIMILAR SUPPLY LINEAR SLOT DIFFUSER (48" LONG) STATIC PRESSURE SPECIFICATION(S) STANDARD		
G GA GAL GALV GPM	GAS (NATURAL) GAUGE GALLON GALVANIZE(D) GALLONS PER MINUTE	TC TCV TD TEMP TXV TYP	TEMPERATURE CONTROL TEMPERATURE CONTROL VALVE TEMPERATURE DIFFERENCE TEMPERATURE THERMAL EXPANSION VALVE TYPICAL		

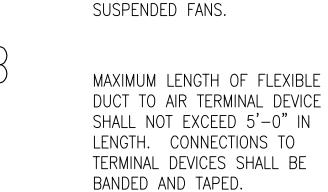
MECHANICAL SYMBOLS

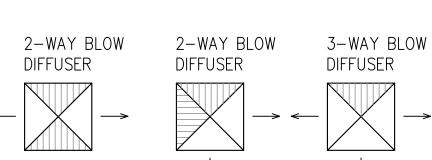
NOTE: ALL SYMBOLS MAY NOT BE USED ON THIS PROJECT.











ALL CEILING DIFFUSERS SHALL BE 4-WAY BLOW, UNLESS INDICATED OTHERWISE ON DRAWINGS.
HATCHING INDICATES BLANKED-OFF SIDE(S) OF DIFFUSER (TYPICAL)

CLIENT



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REGISTRATION

MARK	DATE	DESCRIPTION
	09.25.2009	Schematic Design Submitta
	08.20.2009	Concept Review

CGS PROJECT NO.: 2905 DRAWN BY: CHECKED BY: GRAPHIC SCALE:

KEY PLAN

SHEET TITLE

MECHANICAL SYMBOLS &

M1.01

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LOCATIONS ARE POSSIBLE.

OTHER COMBINATIONS OF

DEFLECTION

CFM\(\hat{A}\)SIZE

CFM

SIZE

DEFLECTION

(A) CFM